

AMT-00-002CB



December 15, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572
28 Davis Avenue
Poughkeepsie, N.Y. 12603

Subject:

Serial No. 10/676,058 10/01/03
Kay-Leong Lim et al.
METHOD TO FORM MULTI-MATERIAL
COMPONENTS

INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation
In An Application.

The following Patents and/or Publications are submitted to
comply with the duty of disclosure under CFR 1.97-1.99 and
37 CFR 1.56.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited with the United States Postal Service as first class
mail in an envelope addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450, on December 19, 2003.

Stephen B. Ackerman, Reg.# 37761

Signature/Date Stephen B. Ackerman 12/19/03

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European Patent Application 0 538 073 A2 to Yoshihiko Seyama et al., "Process for Producing Sintered Body and Magnet Base," discloses a process for producing a composite sintered body formed from materials that are the same or different using a metal injection molding.

The paper "Composite Parts by Powder Injection Molding," by Andrea Pest et al., Advances in Powder Metallurgy & Particulate Materials, Metal Powder Industries Federation, Princeton, JH, US, Vol. 5, No. 19, 1996, pp. 171-178, discusses an example of a composite PIM part.

U.S. Patent 5,482,671 to Weber, "Method of Manufacturing Interlocking Parts," discloses a method for manufacturing interlocking parts, in which at least one part is manufactured by powder injection molding.

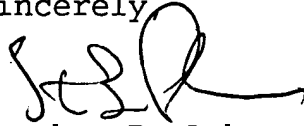
U.S. Patent 3,157,866 to D.H. Lien, "Ring-Type Magnetic Memory Element," discusses a magnetic memory element from which a stored data signal may be read out without the stored data signal being altered.

Patent Abstracts of Japan 03232906, to Nakanishi Yoichi, "Combined Sintered Product," discusses easily manufacturing a combined sintered product having three a dimensional shape with different metals.

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A translation of the abstract of Japan 03232906 to
Nakanishi Yoichi is attached.

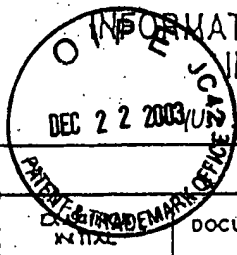
Sincerely

A handwritten signature in black ink, appearing to read 'SBA', with a long horizontal flourish extending to the right.

Stephen B. Ackerman, Reg. #37761

Form PTO-1449

Doc. Number (Specimen) **AMT-00-002CB** Application Number **10/676,058**
 Applicant **Kay-Heung Lim et al.**
 Filing Date **10/01/03** Group Art Unit



INFORMATION DISCLOSURE CITATION
 IN AN APPLICATION
 (several sheets if necessary)

U. S. PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | PLUNG DATE IF APPROPRIATE |
|-----------------|----------|-----------|-------|----------|---------------------------|
| 5482671 | 1/9/96 | Weber | 419 | 36 | 9/23/94 |
| 3157866 | 11/17/64 | D.H. Lien | | | 10/25/61 |
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FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|-----------------|----------|----------------------|-------|----------|-------------|----|
| | | | | | YES | NO |
| 0538073A2 | 19/10/92 | European Patent App. | B22F | 3/22 | | |
| 03232906 | 16/10/91 | Japan | B22F | 7/06 | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Part/Port Pages, Etc.)

"Composite Parts by Powder Injection Molding" by Andrea Pest et al; Advances in Powder Metallurgy + Particulate Materials, Metal Powder Industries Federation, Princeton JH, US, Vol.5, No.19, 1996, pp. 171-178.

EXAMINER _____ DATE CONSIDERED _____

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant